



City of Pataskala
Alan W. Haines, P.E., Public Service Director
Public Services Report to Council

➤ **2018 Streets Program**

1. All asphalt work is complete.
2. Due to weather restrictions, chip and seal work will be postponed until spring of 2019; accordingly,
 - a. Temporary striping will be installed on Cable Road and Headley's Mill Road for the interim until permanent striping can be applied after chip and seal work is complete.
 - b. Temporary striping is being scheduled for installation as soon as possible.
 - c. Any remaining grading and berming work will also be postponed until spring of 2019.

➤ **Mink Street Phase III Project (Mink and Broad)**

1. Budget
 - a. While the project on the whole is tracking over budget due to changes and plan errors, it is believed, with the approval of the supplemental, that all budget concerns for this project have been addressed.
2. Schedule
 - a. The signal is now operational.
 - b. The lot has been graded and will be seeded as weather permits.
 - c. Remaining work:
 - i. Final paving and striping on northeast corner.
 - ii. Final restoration.
 - iii. Training on new signal.

➤ **Main Street Project**

1. Electrical
 - a. Underground Power
 - i. The City continues to work with AEP and residents to address concerns.
 1. The City and AEP are coordinating to obtain the remaining easements.
2. Budget
 - a. Current projections indicate that the project is slightly over budget.
 - i. When construction resumes we will look for other ways to cut construction cost and/or appropriate funds from within the approved budget.
3. Schedule
 - a. The project is substantially complete (with the exception of electrical work that has been delayed beyond the control of the contractor).

➤ **Mink Street Phase II Project**

1. Work on Sections 1 and 2 is in progress.
2. The schedule that has been provided to the City by ODOT, shows Sections 1 and 2 being completed this year, with the exception of the surface course of asphalt.

- a. Mink Street is anticipated to reopen at the end of November and remain open until work can recommence with good weather circa April of 2019.
 - b. Asphalt work is currently in progress to achieve this schedule.
3. Phase 3, and all surface course asphalt will be completed in 2019.

➤ **Columbia Road Bridge Project**

1. The project is substantially complete, and we are awaiting project close-out information from ODOT.

➤ **Taylor Road Path Project**

1. Construction is in progress, with completion anticipated at the end of November.

➤ **Graham Rd. Stormwater Improvements**

1. During design it was discovered that there is an existing 15" tile that was installed in the early 2000's that serves this area.
 - a. After further investigation, it appears that the proposed new storm sewer may not be needed, and the problem may be able to be addressed by extending the storm sewer in the problem area, vice requiring downstream improvements.
 - i. It is anticipated that this storm sewer extension could be completed in-house, and for less than \$20,000
 - b. Strand modeled the existing pipe to estimate its capacity, with the following results:
 - i. It does not appear that the existing pipe will convey the 5-year storm, which is what new storm water systems are required to meet.
 - ii. However, it is believed that the proposed extension will the flooding that is currently experienced on Graham Road and is necessary regardless of the capacity of the downstream storm facilities.
 - iii. Accordingly, the PSD recommends installing the planned in-house extension in 2019, as it is needed regardless, and to see how well the system works before making any further decisions or plans regarding the downstream system.

➤ **Retention-Detention Pond Inventory and Evaluation Project**

1. Design of top priority improvements is in progress and being coordinated with JHA.

➤ **Oak Meadow Drive Improvements Project**

1. The PSD and City Administrator met with the owner at 144 Pat Haven Drive and are making changes to the plans and proposed easement based on his preferences.
 - a. The revised easement has been provided, and a meeting with the resident is being scheduled.
2. JHA will finalize the plans after the final location of the easement, and pipe, across 144 Pat Haven has been agreed upon with the resident.
 - a. We are still working with the resident to address his concerns.
3. Columbia Gas will be completing gas line relocations ahead of this project.
 - a. Miller Pipeline has commenced Columbia's relocation work.
4. Coordination is on-going with the Streets Committee for project details.
 - a. A group of residents have circulated a petition supporting concrete sidewalk instead of an asphalt path.
 - b. It is expected that this will be presented to Council on Monday, October 1st.
 - c. It is anticipated that concrete sidewalk will be included as a bid alternate.
5. Bidding is expected to occur in fall/winter of 2018, with construction in early 2019.

➤ **Pataskala Safe Travel Plan**

1. Phase I of the Pataskala Safe Travel Plan includes installation of pedestrian facilities at the western intersection of SR 310 and SR 16.
 - a. Phase I is currently out to bid, with the bid opening scheduled for Thursday, November 15th.
 - b. Phase I construction is anticipated to occur in spring of 2019.
2. The remaining 5 identified phases have been added to the PSD CIP for funding over the course of the next 5 years.

➤ **Public Service Department (PSD)**

3. Roadway Maintenance
 - a. The PSD continues to patch potholes and berm as needed. Spot repairs with paving equipment, Potholing, Crack sealing and Dura-patching operations will continue as time and weather permit.
 - i. Recently completed projects include:
 1. Crack Sealing
 - a. Barrington Ridge Subdivision
 2. Dura-patching
 - a. Headley's Mill Road
 3. Berm
 - a. As needed and weather permitting
 4. Potholing/Paving
 - ii. In progress and upcoming projects include:
 1. Crack Sealing
 - a. Complete for 2018
 2. Durapatching
 - a. Complete for 2018
 3. Berm
 - a. As needed and weather permitting.
 4. Potholing/Paving
 - b. Alley Maintenance
1. Stormwater Management
 - a. The PSD continues to work with the community to identify areas of poor drainage and employ responsible solutions to mitigate them.
 - i. Large scale efforts to be studied/addressed include:
 1. Graham Road
 2. Taylor Road
 3. Halloon Lane
 4. Oak Haven/Broadview crossing
 5. International Drive
 6. Summit Road
 7. Bristol Drive
 8. Blanche Addition
 9. Downtown/Old Village drainage

- ii. A report detailing the known issues, apparent causes, and potential solutions to each of the above listed drainage issues was provided to the Streets Committee in February of 2018.
 - iii. An updated and re-prioritized list was provided to the Streets Committee at the August 27th meeting.
 - iv. Small scale efforts
 - 1. The PSD has prepared a report of small scale drainage projects and provided it to the Streets Committee.
 - 2. Note that the PSD has already addressed, or is scheduled to address, most of the items on this list.
- b. Hazelwood Storm Sewer
 - i. As the storm sewer inspection led to the conclusion that the sewer is in fair condition, the PSD will hand dig sink holes to inspect, and address as needed, or backfill with granular material and restore disturbed areas.
- c. The PSD continues to make efforts to improve and restore drainage by conducting ditch cleaning and culvert replacement operations as weather permits.
 - i. Recently completed projects include:
 - 1. Tile and culvert repairs at the following locations:
 - a. Outlet structure repairs at Citizen’s Park Retention Basin
 - b. 30’ tile extension at Monarch Drive and Cleveland Road
 - 2. Ditch cleaning
 - 3. Catch Basins
 - 4. Storm sewer maintenance
 - ii. In progress and scheduled projects include:
 - 1. Tile repair for sink hole at northeast corner of Columbia Road and Broad Street
 - 2. Dixon Road
 - a. Drainage along Dixon Rd. is poor in many areas, and ditches will need to be improved to address this.
 - 3. Havens Corners
 - a. Investigating and improving drainage along Havens Corners Road, where standing water has been an issue just east of Taylor Road.
- d. PSD personnel conduct inlet cleaning throughout the City during and after rain events to address clogged drains and prevent flooding.
- e. Aspirations
 - i. Development of Storm Water Utility
 - 1. A storm water utility would establish a funding mechanism for the City to catalog, maintain, restore, and replace aging storm water infrastructure including: retention/detention ponds, sewer pipe and structures, roadside ditches, and even large scale drainage efforts as detailed above.
 - 2. Many communities in the Central Ohio area have already implemented storm water utilities. Efforts have been, and will continue to be made to research what other communities have done, and to determine what will work well for Pataskala.
 - 3. Efforts with regard to this proposition shall be coordinated with the Utility Committee/Streets Committee.

- 2. Bridges
 - a. OHM Advisors has provided results of bridge inspections to the City for 2017.
 - b. Bridge Asset Management
 - i. The PSD is reviewing the merits and potential for a bridge asset management program to better manage our bridges for maintenance and Capital Improvements Planning.
 - ii. This effort has been included in the 2019 budget.
- 3. Initiatives
 - a. Work with the Railroad to coordinate maintenance of railroad right-of-way.
 - i. The signal box and crossing gate guard at Main Street are scheduled for painting and repair.
 - ii. Crossing improvements at the following locations are scheduled to occur in 2018:
 - 1. Columbia Road
 - 2. Connors Ave.
 - 3. Both of these crossings are scheduled to be completed in November and will each require a 2-day road closure.
 - b. Broad Street corridor signal timing.
 - i. Coordinated signal timing along Broad St. appears to be off and will be examined and adjusted as required.
 - ii. Some funds are planned for this in the proposed 2018 budget; however, after initial conversations with a traffic engineer, there may be some equipment upgrades necessary to adequately address timing.
 - iii. A task driven proposal to address signal systems based on priority, and to include recommended upgrades, is expected from the consultant in the near future.
 - c. Speed Studies
 - i. Conduct speed studies in accordance with FHWA guidelines at specific locations in the City to adjust speed limits up or down such that the posted speeds are fair with respect to traffic law.
 - d. GIS
 - i. Working with Utilities and Planning and Zoning to continue to expand the City's GIS capabilities
 - ii. PSD personnel are actively mapping and rating assets throughout the City to build an accurate inventory.
 - iii. PSD intends to use this information to build a stormwater asset management program to move from reactionary management, to proactive management.
 - e. Intersections
 - i. A CIP budget item is being added to the PSD budget to study, design, and begin construction of improvements at top priority intersections throughout the City that are either unsafe, over capacity, or both.
- 4. Engineering
 - a. Development Process
 - i. Coordinate with PZD to update chapter 1117 of the code (Design Standards).
 - b. Standardization
 - i. Working to standardize construction documents including: Pre-construction meeting agenda, standard drawings, change order document, etc.
 - 1. Pre-con agenda completed.

- c. Development of Specifications, Standard Drawings, and notes.
 - i. The PSD will be working with Jobs & Henderson to develop these items as part of the retainer services contract in 2018.
 - ii. Standard engineering plan general notes are complete.
 - iii. A standard developer's agreement is being drafted by the PSD and the PZD
- 5. Miscellaneous
 - a. Right-of-ways
 - i. Mowing
 - 1. Complete for 2018.
 - ii. Tree Removal
 - 1. The PSD has been, and will continue to identify and remove dead and diseased trees within the right-of-way.
 - a. Trees recently removed/trimmed:
 - i. Tree trimming along Summit Road near Elementary School.
 - ii. Tree in alley at 280 S. Main Street.
 - iii. Removal of log jam at Municipal Park
 - b. Trees scheduled to be removed/in progress:
 - i. Tree trimming in developments
 - 2. Log jam removal within local creeks and rivers.
 - a. PSD to remove log jam at Creek Road bridge as weather permits.
 - iii. On-going street light replacement around the City.
 - iv. Snow Removal
 - 1. Trucks and equipment are in the process of being inspected, repaired, and prepared for snow and ice removal.
 - b. Traffic Signal Maintenance
 - i. As a yearly maintenance item, the PSD will have all signals and associated equipment inspected and serviced.
 - 1. Asplundh is in progress of completing inspections.
 - ii. The PSD will work toward standardizing equipment at all signals for ease of maintenance and minimization of delays when equipment failures occur.
 - iii. Signal at Broad and Taylor
 - 1. This work is complete
 - c. Tornado Sirens
 - i. The PSD will observe operation of all sirens on the first Wednesday of every month to ensure that they are functioning properly.
 - 1. All sirens were observed to be operational when set off by the Licking County EMA on Wednesday, October 3rd.
 - d. Licking County Health
 - i. State Septic System Mandate
 - 1. L.Co. Health Dept. will be coordinating with the City and residents to complete inspections in the area of Woodside Dr. in 2018.
 - ii. Mosquito spraying
 - 1. Complete for 2018
 - e. Development
 - i. Legacy Estates – Phase 3

1. Both turn lanes, on Watkins Road and Blacks Road are substantially complete.
- ii. Broadmoore Commons – Phase I
 1. Utility work is complete
 2. Broad Street widening work is substantially complete.
 3. Intermediate course asphalt is complete.
 4. Surface course asphalt will be placed within the subdivision in the spring of 2019.
 5. Punch-list work is currently in progress.
 6. Installation of the signal is in progress.
 - a. It is the intent of the PSD to have the signal installed, tested, and put on flash until such time as the signal is warranted.
 7. Building of homes has commenced with approval of zoning permits.
 8. Occupancy is in progress.
- iii. Carrington Ridge
 1. Acceptance is anticipated upon completion of the secondary right-in/right-out entrance.
- iv. Reserve at Hazelwood
 1. Accepted, residential construction in progress.
- v. Hazelwood, Section 5, Part 1
 1. Utility work is complete.
 2. Intermediate asphalt has been placed.
 3. Surface asphalt will not be placed until spring of 2019.
 4. Building of homes has commenced with approval of zoning permits.
 5. Punch-list work is in progress.
 6. Acceptance is anticipated soon.
- vi. AEP Substation
 1. Project walk-thru occurred Thursday, July 12th, and punch-list items are being scheduled to be addressed.
- vii. Heritage Town Center
 1. Construction of public utilities is substantially complete.
 2. Construction of the roadway is complete with the exception of the surface course of asphalt.
 3. Surface course asphalt will be placed after private construction is complete.
- viii. Villas at Cumberland
 1. Project in Etna Twp along Refugee Road
 2. Work within the City for widening and resurfacing is substantially complete.
- ix. Ravines at Hazelwood
 1. Construction of utilities is complete.
 2. Box culvert installation is complete.
 3. Installation of roadway is substantially complete.
- x. Hazelwood 4-1, 5-2, and 6-1
 1. Utility work for section 4.1 is in progress.
- xi. Broadmoore Commons, Phase 2
 1. Construction of public infrastructure has commenced.

- xii. Hazelwood North
 - 1. Developer's current plan will require coordination with Harrison Township.
 - 2. A preliminary conversation with the Township has occurred, with more discussion to determine alternatives expected.
 - xiii. Hunter's Crossing
 - 1. The developer has been working to address initial concerns with preliminary plans.
 - 2. Coordination with Etna Township and Licking County will be required for stormwater and improvements on Refugee Road.
 - xiv. County Tyme Development
 - 1. The PSD is working with the developer to acquire right-of-way along Dixon Road and Havens Corners Road to be able to make storm water improvements along both roads.
 - xv. Broadmoore Commons, Phase 5
 - 1. Preliminary plans have been submitted for review.
- f. Parks
- i. Municipal Park Trail
 - 1. The river has washed out the bank adjacent to the trail for a stretch of roughly 50'.
 - 2. The PSD has placed rip-rap in an attempt to stabilize the bank and prolong the use of the trail.
 - a. The rip-rap that was placed has begun to wash away during recent rain events.
 - 3. PSD recommendation is to relocate approximately 200' to 300' of trail to a location approximately 50' further back from the river.
 - ii. Foundation Park
 - 1. Aeration of soccer fields completed
 - iii. All parks
 - 1. PSD is in progress of winterizing and storing all equipment
- g. Community Events
- h. Public Relations
- i. The PSD regularly receives resident phone calls and emails about issues throughout the City. Most interactions take less than a half hour, but many take much more time to thoroughly investigate, understand, and address.
 - ii. In the past three weeks, the PSD has received 11 resident concerns.